

King County Infiltration and Inflow (I/I) Program Guide Specifications

The following set of guide specifications was developed for the King County Infiltration and Inflow (I/I) Program. The guide specifications were established for the eight County managed I/I pilot projects completed in 2004, and will be used as a starting point for any continuing rehabilitation work performed as part of the program.

Guide specifications are provided for the following types of pipe and manhole rehabilitation work:

- Cure-in-place pipe for sewer mains, laterals and side sewers.
- Cure-in-place liners for service connections.
- Folded/formed liners.
- Pipe replacement by pipe bursting.
- Conventional dig and replacement of small diameter sewers.
- Manhole liners and coatings.
- Chemical grouting of manholes.

The following items provide guidance for using the specifications and tailoring them for specific project needs:

1. Portions of the specifications are shown in ***bold italics*** and represent example language. These sections need to be tailored to specific project work and conditions of the contract by deleting the example language and inserting appropriate project information.
2. Certain sections and sub-sections of the specifications include instruction or guidance for completing, modifying or deleting the section. They are presented as “Note to Specifier”, designated **NTS**.
3. The Division 1 specification sections are standard for all contracts bid by King County. Much of the language within the sections is King County specific. If the Division 1 specifications are used as a template for a contract bid by an agency other than the County, then the King County specific language must be appropriately modified to meet the requirements of that agency.
4. The King County I/I Program Pilot Projects were comprised of sewer rehabilitation work on portions of the system owned and operated by local agency sewer providers that discharge to the regional County sewer system. The local agencies typically had specific requirements regarding issues such as allowable working hours, necessary permits, standards, noise ordinances, etc. The guide specifications include sections noting certain ***Agency*** requirements. These sections need to be tailored to the specific requirements of the municipality or district in which the work is being performed.